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Note.—Throughout this Gazette the names in Italics within parentheses are those of Communicators of Inventions.

## Complete Specifications.

Patent Office, Perth,  
26th September, 1902.

NOTICE is hereby given that the undermentioned Applications for the Grant of Letters Patent, and the complete Specifications annexed thereto, have been accepted, and are now open to public inspection at this Office.

Any person or persons intending to oppose any of such applications must leave particulars, in writing, in duplicate (on Form D), of his or their objections thereto, within two calendar months from the date of this Gazette. A fee of Ten shillings (10s.) is payable with such notice.

Application No. 3901.—NICOLAS BECK and RÈNE DIOR, Engineers, both of Saint Nicolas Works, Granville, in the Republic of France, "*Apparatus and Plant for preparing Carburetted Air for heating and lighting purposes.*"—Dated 10th June, 1902.

### Claims:—

1. An improved plant for preparing and utilising carburetted air for lighting or heating purposes, comprising in combination a set of carburetted vessels, air-supply tubes introduced into these carburetted vessels, perforated coils forming the end of the air-tubes situated on the bottom end of the carburetted vessels, a device for keeping the air under pressure, gas tubes leading from the carburetted vessels to the burners, substantially as described and shown and for the purpose set forth.
2. In an improved plant for preparing and utilising carburetted air for lighting or heating purposes, comprising in combination a set of carburetted vessels, air-supply tubes introduced into these carburetted vessels, perforated coils forming the end of the air tubes situated on the bottom end of the carburetted vessels, a device for keeping the air under pressure, gas tubes leading from the carburetted vessels to the burners, the arrangement of a tank for the carburetted vessels filled with heating liquid, substantially as described and shown and for the purpose set forth.
3. In an improved plant for preparing and utilising carburetted air for lighting or heating purposes comprising in combination a set of carburetted vessels, air-supply tubes introduced into these carburetted vessels, perforated coils forming the end of the air tubes situated on the bottom end of the carburetted vessels, a device for keeping the air under pressure, gas tubes leading from the carburetted vessels to the burners, suitable means for automatically opening the gas cock of the next following carburetted vessel after the carburetted liquid of the first one has been consumed to a certain level, substantially as described and shown and for the purpose set forth.

Specifications, 5s. Drawings on application.

Application No. 4005.—STEPHEN HENRY MANNERS, of No. 164 Parade, Norwood, Agricultural Engineer, and HARRIET THATCHER, of King William Road, Hyde Park, Gentlewoman, both in the State of South Australia, Commonwealth of Australia, "*Improvements in attachments for bicycles, boats, and vehicles for use as a shade and sail, and applicable also for steadying and supporting cycles, and for advertising purposes.*"—Dated 26th August, 1902.

### Claims:—

1. In improvements in attachments for bicycles, boats and vehicles, for use as a shade and sail and applicable also for steadying and supporting cycles and for advertising purposes; a mast or standard as B arranged within a mast step or socket and provided with a spherical end as E set at an angle from the mast.

2. In improvements in attachments for bicycles, boats and vehicles, for use as a shade and sail and applicable also for steadying and supporting cycles and for advertising purposes; a mast or standard arranged within a suitable mast step or socket and terminating with a concave bearing as F in Fig. 5 substantially as described and illustrated.

3. In improvements in attachments for bicycles, boats and vehicles for use as a shade and sail and applicable also for steadying and supporting cycles and for advertising purposes; a mast head having a concave bearing thereon and a cap washer, in combination with a spherical bearing having revolvably mounted sail carriers connected therewith, said spherical bearing being mounted between the concave bearing and the cap washer substantially as described and illustrated.

4. In improvements in attachments for bicycles, boats and vehicles, for use as a shade and sail and applicable also for steadying and supporting cycles, and for advertising purposes, a base washer such as P, provided with bolt lugs as P<sup>1</sup> and a socket P<sup>2</sup> for the reception of a sail carrier, an intermediate washer as K provided with a socket K<sup>2</sup>, also for the reception of a sail carrier, a cap washer plate as L provided with lugs as L<sup>1</sup>, the several parts being mounted upon and connected with a spherical ended masthead and retained together by studs or nuts and bolts, arranged substantially as described and illustrated as and for the purposes set forth as a combination of parts.

5. In improvements in attachments for bicycles, boats and vehicles, for use as a shade and sail, and applicable also for steadying and supporting cycles, and for advertising purposes, a base washer as F, provided with bolt lugs F<sup>1</sup> sockets as F<sup>2</sup> projecting boss J revolvably mounted sprit clamp J<sup>2</sup> and cross sprit arranged substantially as described and illustrated.

6. In improvements in attachments for bicycles, boats and vehicles, for use as a shade and sail, and applicable also for steadying and supporting cycles and for advertising purposes, the combination with a spherical ended masthead of a revolvably mounted base washer, intermediate washer, and cap washer, the base washer and intermediate washer each being characterised by sockets as F<sup>3</sup> and K<sup>3</sup>, having spurs integral therewith as f<sup>1</sup> and k<sup>1</sup>, and a spiral or helical spreader spring M common to both arranged substantially as described and illustrated.

7. In improvements in attachments for bicycles, boats, and vehicles for use as a shade and sail, and applicable also for steadying and supporting cycles and for advertising purposes, the combination of a spherical-ended masthead and base washer, intermediate washer, and cap washer; the base washer and intermediate washer being provided each with one or more sail carriers and a sail or shade, substantially as described and illustrated.

8. In improvements in attachments for bicycles, boats and vehicles for use as a shade and sail, and applicable also for steadying and supporting cycles and for advertising purposes, the combination of a spherical-ended masthead and base washer having a sail carrier and spreader sprit attached thereto, and an intermediate washer having a sail carrier attached thereto as and for the purposes set forth and as illustrated.

9. In improvements in attachments for bicycles, boats and vehicles for use as a shade and sail, and applicable also for steadying and supporting cycles and for advertising purposes, a cap washer characterised by a slot or recess, as L<sup>2</sup>, for partly accommodating and limiting the traverse of an adjacent socket for a sail carrier, substantially as described and as illustrated.

10. In improvements in attachments for bicycles, boats and vehicles for use as a shade and sail, and applicable also for steadying and supporting cycles and for advertising purposes, the combination of a spherical-ended masthead and two metal bars having integral recesses arranged for the reception of sail spreaders and binding studs or bolts connected therewith as an alternative combination of parts.

11. In improvements in attachments for bicycles, boats and vehicles for use as a shade and sail and applicable also for steadying and supporting cycles and for advertising purposes a segment plate having a bearing rim wherein a depression is formed, said plate being attached to the movable steering gear of the cycle and a spring governed plunger provided with a roller bearing arranged to impinge upon and gear into said bearing rim and depression, such plunger being connected with a fixed portion of the cycle as illustrated and for the purpose indicated.

12. In improvements in attachments for bicycles, boats and vehicles for use as a shade and sail and applicable also for steadying and supporting cycles and for advertising purposes a cord grip comprising a metal plate or casting constructed so as to form a front end having a



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Applications for the Grant of Letters Patent